Technical data

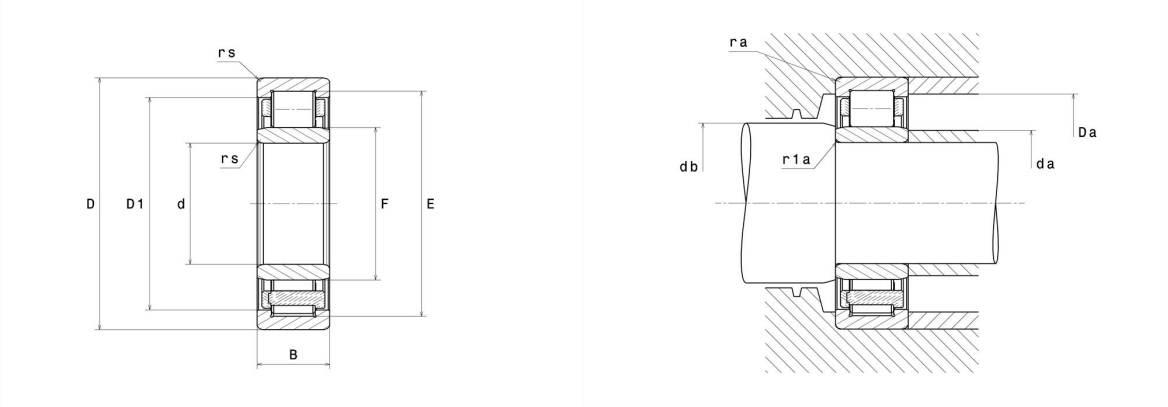
NU2315EG1C3

Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, brass cage



Visual(s)



Product definition

d	75 mm
D	160 mm
B	55 mm
E	143 mm
F	95 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	5.25 kg
Brand	NTN

Product performance

Dynamic load, C	330 kN
Static load, C0	395 kN
Fatigue limit load, Cu	45.9 kN
Nlim (oil)	4,100 Tr/min
Nlim (grease)	3,500 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.76 Hz
Characteristic outer ring frequency, BPF0	5.19 Hz
Characteristic inner ring frequency, BPFI	7.81 Hz

Abutment dimensions

da min	86 mm
da max	93 mm
db min	97 mm
Da max	149 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr